

NIKHIL SHARMA

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github.com/nikhilsharma Leetcode/NikhilSharma_LC GeeksforGeeks/nikhilsharmacsgeek

EXPERIENCE

Tata Consultancy Services, Hyderabad

December 2023 – Present

Systems Engineer (Digital Cadre) - Major Semiconductor Solutions Provider

- Aided Frontend Enhancement using ReactJS, Bootstrap, AntDesign, Tanstack Table, developing API methods, writing logic in Backend, and improvising system performance and UI.
- Created API endpoints, implemented functionalities like adding a drawer with DB and frontend validations using Ant Design and Formik, and handled major UI changes.
- Developed RESTful APIs using Python and Flask, improving application performance by 40%, making existing implementations leaner, and supporting multiple concurrent users.
- Achieved a 25% reduction in loading time by implementing Flask caching, DB connection threading, and session storage.
- Managed deployments with RedHat OpenShift and handled version control using Bitbucket.
- Also worked on Python Data Refresh scripts using Jupyter Notebook, updating Tableau Dashboards, etc
- **Tech Used:** ReactJS, Javascript, jQuery, Flask, Oracle DB, MS SQL Server, Python, HTML, CSS, Bootstrap, Ant Design, Redhat Openshift, etc.

Utkrisht Summer Intern, ACM USICT

July 2022 – August 2022

University Internship and Mentorship Programme

[Project Github Link](#)

- An Idea to Build a platform for student community discussions named UDF-USICT Discuss Forum using MERN stack.
- Incorporated Features like categorizing posts according to different topics, Adding Images, and Comments below on Posts.
- **Tech Used:** ReactJS, MongoDB, ExpressJS, NodeJS, MaterialUI

PROJECTS

Portfolio Website | [Portfolio Link](#)

November 2021

- Developed my Portfolio website which showcases my overall learnings and resume in a classified and clear manner.
- Different sections consist of various information like Downloadable Resume, Certifications, Projects, and their links, etc
- **Tech Used:** Next.js, Typescript, Tailwind, HTML, CSS, Javascript, Vercel

Pairsonality - Celebrity Face recognizer | [Github Link](#)

January 2023

- Developed a simple Web Application that gives similarity scores for the provided image concerning pre-classified facial features.
- Incorporated 10 Celebrity faces for model training and Tabulated the final scores on our Frontend Platform
- **Tech Used:** Python, jupyterNotebook, openCV, haarCascade, Flask, HTML, CSS, JS

TECHNICAL SKILLS

Programming Languages: C, C++, Java, Python, JavaScript, SQL

Front-end Tech: React.js, ReduxToolkit, jQuery, Bootstrap, Tailwind, MaterialUI, Ant Design

Back-end Tech: Flask, Node.js, Express.js, RESTful APIs, Firebase

Databases: MySQL, MongoDB, MS SQL Server, Oracle DB

Core Subjects: Data Structures and Algorithms, Object Oriented Programming Concepts, Operating System, Computer Networks

Tools: Git, Github, Bitbucket, JIRA, Postman, VSCode, React Bundlers, Redhat Openshift, JupyterNotebook, Tableau, GoogleCloudPlatform, Vercel, Agile(Scrum, Kanban)

CERTIFICATIONS

- *Architecting with Google Compute Engine | 5 Course Accelerated Specialization by Coursera* | [Certificate Link](#) | March 2021
- *The Complete 2022 Web Development Bootcamp by Angela Yu | Udemy Course Certification* | [Certificate Link](#) | January 2022

ACHIEVEMENTS

- Solved around 500+ DSA problems on Leetcode and GFG.
- Secured 81th Rank in CodeChef Long Challenge Div.3 Oct 2021 Among 20K+ Participants.
- Earned 100+ Labs and 15+ Quests on Qwiklabs (GCP labs).

EDUCATION

University School of Information, Communication and Technology, GGSIPU

August 2019 – June 2023

Bachelor of Technology in Computer Science and Engineering – CGPA 8.8/10.0

Dwarka Sec 16C, Delhi

Rajikya Pratibha Vikas Vidyalaya

April 2018 – March 2019

Class XII CBSE Board – Percentage 86/100

Shalimar Bagh, Delhi